

ABSTRACT

In an ultrasonic probe including a storage portion formed with the coupling of a window and a frame for storing an ultrasonic device and an ultrasound propagation medium therein, the generation of a gap between the window and the frame due to a temperature change etc. can be suppressed.

The ultrasonic probe includes an ultrasonic device (1) that transmits and receives ultrasound; a frame (4) that supports the ultrasonic device (1); a window (5) that is coupled with the frame (4) so as to surround the ultrasonic device (1); and an ultrasound propagation medium with which a space surrounded by the frame (4) and the window (5) is filled. The window (5) includes a resin portion (5b) having a property of letting ultrasound pass therethrough and a metal portion (5a), a part of the metal portion being embedded in an inside of the resin portion (5b) and another part being exposed to an outside of the resin portion (5b). The coupling of the window (5) and the frame (4) is implemented by coupling the part of the metal portion (5a) exposed to the outside of the resin portion (5b) with the frame (4).